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## SEARCH REPORT

prepared on the basis of the latest  
claims filed before the search was started

National Registration No.:

FA 633246  
FR 0305169

DOCUMENTS CONSIDERED PERTINENT		Claims concerned of the examined application	
Category	Documents cited stating pertinent parts where necessary		
A	PATENT ABSTRACTS OF JAPAN Vol. 1996, no. 03, 29 March 1996 (1996-03-29) & JP 07 291790 A (NIPPON STEEL CORP), 7 November 1995 (1995-11-07) * Abstract *	1-12	C23C26/00 C23C14/22 C23C16/513
A	KOJIMA M ET AL: "Impurity generation for low energy range of ion bombardment and its transport in a plasma," JOURNAL OF NUCLEAR MATERIALS, AMSTERDAM, NL, VOL. 241-243, PAGE(S) 1248-1252 XP004403178 ISSN: 0022-3115		
A,D	WALTON C C ET AL: "Extreme ultraviolet lithography-reflective mask technology" EMERGING LITHOGRAPHIC TECHNOLOGIES IV, SANTA CLARA, CA, USA 28 FEB.-1 MARCH 2000 vol. 3997, pages 496-507, XP009016269 Proceedings of the SPIE - The International Society for Optical Engineering, 2000, SPIE-Int. Soc. Opt. Eng, USA ISSN: 0277-786X		
A	US 4 392 453 A (LUSCHER PAUL E) 12 July 1983 (1983-07-12)		
A	HUE J ET AL: "Reduction of defect density on blanks:  Application to the extreme ultraviolet lithography" MICROELECTRONIC ENGINEERING, ELSEVIER PUBLISHERS BV., AMSTERDAM, NL, vol. 61-62, July 2002 (2002-07), pages 203-211, XP004360534 ISSN: 0167-9317		Search Classes (Int. Cl. 7) C23C
Date of Search: 5 September 2003		Examiner: Kiliaan, S	

### CATEGORIES OF DOCUMENTS CITED

X: particularly pertinent by itself

T:

theory or principle at the basis of the invention

Y: particularly pertinent in combination with another

E:

patent document benefiting from a date prior to the

document in the same category

filing date which was not published until this filing date or a subsequent date

A: pertinent to at least one claim or general technological background

D: cited in application

O: unwritten disclosure

L: cited for other reason

P: intervening document

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&: members of the same family, corresponding document

# APPENDIX TO SEARCH REPORT FOR FRENCH PATENT APPLICATION NO.

FA 633246  
FR 0305169

This appendix gives the members of the family of patents relating to the patent documents cited in the above-identified search report.  
These members were contained in the database of the European Patent Office as of 05-09-2003  
The information supplied is for information only and neither the European Patent Office nor the French Government incurs any liability thereunder.

Patent Document Cited in Search Report	Publication Date	Member(s) of Patent Family	Publication Date
JP 07291790 A	07-11-1995	NONE	
US 4392453 A	12-07-1983 JP	58051506 A	26-03-1983